

FIG. 1

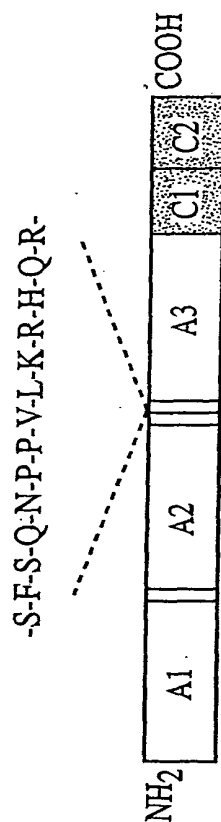


FIG. 2

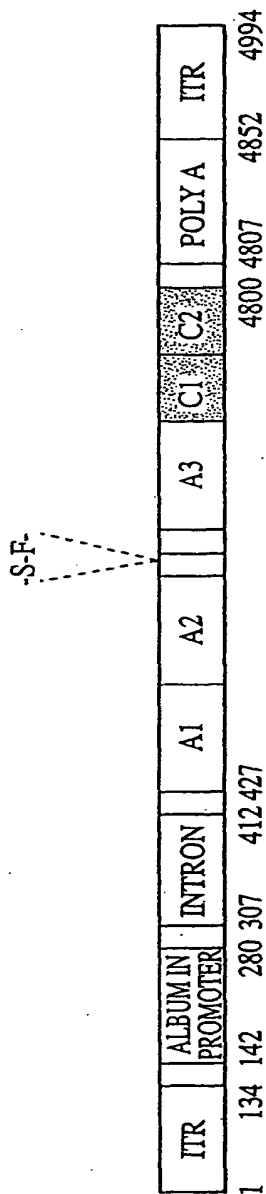


FIG. 3

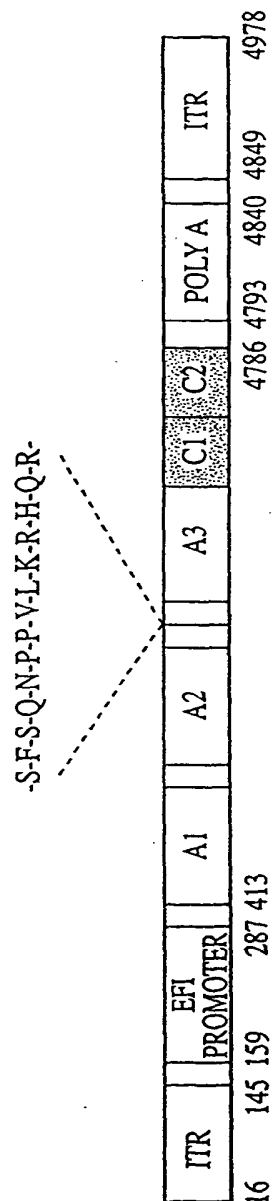


FIG. 4

FIG. 5A
FIG. 5B
FIG. 5C
FIG. 5D

FIG. 5

CAGCTGCGCGCTCGCTCGCTCACTGAGGCCGCCCGGGCAAAGCCCGGGCGTCGGGCGACCTTTGGTTCGCCCCGGCCTCAGT  
 GAGCGAGCGAGCGCGCAGAGAGGGAGTGGCCAACTCCATCACTAGGGGTTCCTGCGGCCGCCAGGGAATGTTTGTCTTT  
 AAATACCATCCAGGGAATGTTTGTCTTAAATACCATCCAGGGAATGTTTGTCTTAAATACCATCTACAGTTATTGGTT  
 AAAGAAGTATATTAGAGCGAGTCTTTCTGCACACAGATCACCTTTCCGGGTGCCGCCCTAGGCAGGTAAGTGCCGTGTG  
 TGGTTCCCGCGGGCCTGGCCTCTTACGGGTATGGCCCTTGCGTGCCTTGAATTACTGACACTGACATCCACTTTTTCT  
 TTTTCTCCACAGGTATCGATTCCACCATGCAAATAGAGCTCTCCACCTGCTTCTTTCTGTGCCTTTTGCGATTCTGCTTT  
 AGTGCCACCAGAAGATACTACCTGGGTGCAGTGGAACTGTCATGGGACTATATGCAAAGTGATCTCGGTGAGCTGCCTGT  
 GGACGCAAGATTTCTCTAGAGTGCCAAAATCTTTTCCATTCAACACCTCAGTCGTGTACAAAAGACTCTGTTTGTAG  
 AATTCACGGATCACCTTTTCAACATCGCTAAGCCAAGGCCACCCTGGATGGGTCTGCTAGGTCTTACCATCCAGGCTGAG  
 GTTTATGATACAGTGGTCATTACACTTAAGAACATGGCTTCCCATCTGTGAGTCTTCATGCTGTTGGTGTATCCTACTG  
 GAAAGCTTCTGAGGGAGCTGAATATGATGATCAGACCAGTCAAAGGGAGAAAGAAGATGATAAAGTCTTCCCTGGTGAA  
 GCCATACATATGTCTGGCAGGTCTGAAAGAGAATGGTCCAATGGCCTCTGACCCACTGTGCCTTACCTACTCATATCTT  
 TCTCATGTGGACCTGGTAAAAGACTTGAATTACAGGCCTCATTGGAGCCCTACTAGTATGTAGAGAAGGGAGTCTGGCCAA  
 GGAAAAGACACAGACCTTGCACAAATTTATACTACTTTTTTGCTGTATTTGATGAAGGGAAAAGTTGGCACTCAGAAACAA  
 AGAACTCCTTGATGCAGGATAGGGATGCTGCATCTGCTCGGGCCTGGCCTAAAATGCACACAGTCAATGGTTATGTAAAC  
 AGGTCTCTGCCAGGTCTGATTGGATGCCACAGGAAATCAGTCTATTGGCATGTGATTGGAATGGGCACCACTCCTGAAGT  
 GCACTCAATATTCTCGAAGGTACACATTTCTTGTGAGGAACCATCGCCAGGCGTCTTGGAAATCTCGCCAATAACTT  
 TCCTTACTGCTCAAACACTCTTGATGGACCTTGGACAGTTTCTACTGTTTTGTATATCTCTTCCCACCAACATGATGGC  
 ATGGAAGCTTATGTCAAAGTAGACAGCTGTCCAGAGGAACCCCACTACGAATGAAAAATAATGAAGAAGCGGAAGACTA  
 TGATGATGATCTTACTGATTCTGAAATGGATGTGGTCAGGTTTGTATGATGACAACTCTCCTTCTTTATCCAAATTCGCT  
 CAGTTGCCAAGAAGCATCCTAAAACCTTGGGTACATTACATTGCTGCTGAAGAGGAGGACTGGGACTATGCTCCCTTAGTC  
 CTCGCCCCGATGACAGAAGTTATAAAAGTCAATATTTGAACAATGGCCCTCAGCGGATTGGTAGGAAGTACAAAAAAGT  
 CCGATTTATGGCATAACAGATGAAACCTTTAAGACTCGTGAAGCTATTACAGCATGAATCAGGAATCTTGGGACCTTTAC  
 TTTATGGGGAAGTTGGAGACACACTGTTGATTATATTTAAGAATCAAGCAAGCAGACCATATAACATCTACCCTCACGGA  
 ATCACTGATGTCCGTCCTTTGTATTCAAGGAGATTACAAAAGGTGTAAAACATTTGAAGGATTTTCCAATTCTGCCAGG  
 AGAAATATTCAAATATAAATGGACAGTGAAGTGTAGAAGATGGGCCAACTAAATCAGATCCTCGGTGCCTGACCCGCTATT  
 ACTCTAGTTTCGTTAATATGGAGAGAGATCTAGCTTACAGGACTCATTGGCCCTCTCCTCATCTGCTACAAAGAATCTGTA  
 GATCAAAGAGGAAACCAGATAATGTCAGACAAGAGGAATGTCATCCTGTTTTCTGTATTTGATGAGAACCGAAGCTGGTA  
 CCTCAGAGAGAATATAACAGCTTTCTCCCAATCCAGCTGGAGTGCAGCTTGAGGATCCAGAGTTCCAAGCCTCCAACA  
 TCATGCACAGCATCAATGGCTATGTTTTGTAGTTTGCAGTTGTGAGTTTGTGTCATGAGGTGGCATACTGGTACATT  
 CTAAGCATTGGAGCACAGACTGACTTCCTTTCTGTCTTCTTCTCTGGATATACCTTCAAACACAAAATGGTCTATGAAGA

FIG. 5A

CACACTCACCCCTATTCCCATTCTCAGGAGAACTGTCTTCATGTGCGATGGAAAACCCAGGTCTATGGATTCTGGGGTGCC  
ACAACTCAGACTTTCGGAACAGAGGCATGACCGCCTTACTGAAGGTTTCTAGTTGTGACAAGAAGCTTGGTGATTATTAC  
GAGGACAGTTATGAAGATATTTTCAGCATACTTGCTGAGTAAAAACAATGCCATTGAACCAAGAAGCTTCGAAATAACTCG  
TACTACTCTTCAGTCAGATCAAGAGGAAATTGACTATGATGATACCATATCAGTTGAAATGAAGAAGGAAGATTTTGACA  
TTTATGATGAGGATGAAAATCAGAGCCCCCGCAGCTTTCAAAAGAAAACACGACACTATTTTATTGCTGCAGTGGAGAGG  
CTCTGGGATTATGGGATGAGTAGCTCCCCACATGTTCTAAGAAACAGGGCTCAGAGTGGCAGTGTCCCTCAGTTCAAGAA  
AGTTGTTTTCCAGGAATTTACTGATGGCTCCTTTACTCAGCCCTTATACCGTGGAGAACTAAATGAACATTTGGGACTCC  
TGGGGCCATATATAAGAGCAGAAGTTGAAGATAATATCATGGTAACTTTCAGAAATCAGGCCTCTCGTCCCTATTCTTC  
TATTCTAGCCTTATTTCTTATGAGGAAGATCAGAGGCAAGGAGCAGAACCTAGAAAAAACTTGTCAAGCCTAATGAAAC  
CAAACTTACTTTTGGAAAGTGCAACATCATATGGCACCCTAAAGATGAGTTTACTGCAAAGCCTGGGCTTATTTCT  
CTGATGTTGACCTGGAAAAAGATGTGCACTCAGGCCTGATTGGACCCCTTCTGGTCTGCCACACTAACACACTGAACCT  
GCTCATGGGAGACAAGTGACAGTACAGGAATTTGCTCTGTTTTTCACCATCTTTGATGAGACCAAAAGCTGGTACTTCAC  
TGAAAATATGGAAGAAACTGCAGGGCTCCCTGCAATATCCAGATGGAAGATCCCACTTTTAAAGAGAATTATCGCTTCC  
ATGCAATCAATGGCTACATAATGGATACACTACCTGGCTTAGTAATGGCTCAGGATCAAAGGATTCGATGGTATCTGCTC  
AGCATGGGCAGCAATGAAAACATCCATTCTATTCTTTTCTAGTGGACATGTGTTCACTGTACGAAAAAAGAGGAGTATAA  
AATGGCACTGTACAATCTCTATCCAGGTGTTTTTGAGACAGTGGAAATGTTACCATCCAAAGCTGGAATTTGGCGGGTGG  
AATGCCCTTATTGGCGAGCATCTACATGCTGGGATGAGCACACTTTTTCTGGTGTACAGCAATAAGTGTGCACTCCCTG  
GGAATGGCTTCTGGACACATTAGAGATTTTCAGATTACAGCTTCAGGACAATATGGACAGTGGGCCCCAAAGCTGGCCAG  
ACTTCATTATTCGGATCAATCAATGCCTGGAGCACCAGGAGCCCTTTCTTGGATCAAGGTGGATCTGTTGGCACCA  
TGATTATTCACGCATCAAGACCCAGGGTGCCCGTCAGAAGTTCTCCAGCCTCTACATCTCTCAGTTTATCATCATGTAT  
AGTCTTGATGGGAAGAAGTGGCAGACTTATCGAGGAAATCCACTGGAACCTTAATGGTCTTCTTTGGCAATGTGGATT  
ATCTGGGATAAAACACAATATTTTTAACCCTCCAATTATTGCTCGATACATCCGTTTGCACCCAACTCATTATAGCATTC  
GCAGCACTCTTCGCATGGAGTTGATGGGCTGTGATTTAAATAGTTGCAGCATGCCATTGGGAATGGAGAGTAAAGCAATA  
TCAGATGCACAGATTACTGCTTCATCCTACTTTTACCAATATGTTTGCACCTGGTCTCCTTCAAAGCTCGACTTCACCT  
CCAAGGGAGGAGTAATGCCTGGAGACCTCAGGTGAATAATCCAAAAGAGTGGCTGCAAGTGGACTTCAGAAGACAATGA  
AAGTCACAGGAGTAATACTCAGGGAGTAAATCTCTGCTTACCAGCATGTATGTGAAGGAGTTCCTCATCTCCAGCAGT  
CAAGATGGCCATCAGTGGACTCTCTTTTTTTCAGAATGGCAAAGTAAAGGTTTTTCAGGGAAATCAAGACTCCTTCACACC  
TGTTGGTGAATCTCTAGACCCACCGTTACTGACTCGCTACCTTCGAATTCACCCCCAGAGTTGGGTGCACCAGATTGCCC  
TGAGGATGGAGGTTCTGGGCTGCGAGGCACAGGACCTCTACTGACTCGAGAATAAAAGATCAGAGCTCTAGAGATCTGTG  
TGTTGGTTTTTTTGTGTGCGGCCGAGGAACCCCTAGTGATGGAGTTGGCCACTCCCTCTCTGCGCGCTCGCTCGCTCACT  
GAGGCCGGCGACCAAAGGTGCCCCGACGCCCGGGCTTTGCCCCGGCGCCTCAGTGAGCGAGCGAGCGCGCAGCTGCCCT  
GCAGGACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTTCATAGGCTCC  
GCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCG  
TTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCTGTTCCGACCTGCGCTTACCGGATACCTGTCCGCTTTCTCCCTTC  
GGGAAGCGTGGCGCTTTCTCATAGCTCAGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTGCTCCAAGCTGGGCTGTG  
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TTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGCGGGTGCTACAGAGTTCCTTGAAGTG  
GTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAG  
TTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTTGTTTGAAGCAGCAGATTACGCGCAGA  
AAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGTCTGACGCTCAGTGAACGAAAACCTCACGTTAAGGGAT

FIG. 5B

TTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTTAAATCAATCTAAAGTA  
TATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTTCGTTCA  
TCCATAGTTGCCGTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGAT  
ACCGCGAGACCCACGCTCACCGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTC  
CTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTG  
CGCAACGTTGTTGCCATTGCTACAGGCATCGTGGTGTACGCTCGTCGTTTGGTATGGCTTCATTAGCTCCGGTTCCCA  
ACGATCAAGGCGAGTTACATGATCCCCATGTTGTGCAAAAAGCGGTTAGCTCCTTCGGTCTCCGATCGTTGTCAGAA  
GTAAGTTGGCCGAGTGTTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTCTATGCCATCCGTAAGATGC  
TTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGATGCGGCGACCGAGTTGCTCTTGGCCGGCGTC  
AATACGGGATAATACCGGCCACATAGCAGAACTTTAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACCTCT  
CAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGACCCAACTGATCTTCAGCATCTTTTACTTTC  
ACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAGGGAATAAGGGCGACACGGAAATGTTGAAT  
ACTCATACTCTTCCTTTTCAATATTATTGAAGCATTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTA  
TTTAGAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATC  
ATGACATTAACCTATAAAAAATAGGCGTATCACGAGGCCCTTTCGTCTCGCGCGTTTCGGTGATGACGGTGAAAACCTCTG  
ACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAG  
CGGGTGTGGCGGGTGTGCGGGCTGGCTTAACATATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACCATAAAATTGTA  
AACGTTAATATTTTGTAAAAATTCGCGTTAAATTTTTGTTAAATCAGCTCATTTTTTAACCAATAGGCCGAAATCGGCAA  
AATCCCTTATAAATCAAAAGAATAGCCCAGATAGGGTTGAGTGTTGTTCCAGTTTGAACAAGAGTCCACTATTAAAGA  
ACGTGGACTCCAACGTCAAAGGGCGAAAACCGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCCAAATCAAGT  
TTTTTGGGGTCGAGGTGCCGTAAAGCACTAAATCGGAACCTTAAAGGGAGCCCCGATTTAGAGCTTGACGGGGAAAGCC  
GGCGAACGTGGCGAGAAAGGAAGGGAAGAAAGCGAAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGATAGCGGTACCGCTGC  
GCGTAACCACCACCCCGCCGCGCTTAATGCGCCGTACAGGGCGGCTACTATGGTTGCTTTGACGTATGCGGTGTGAAA  
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TTAATTGATCTGCATCAACTTAACGTAAAAACAACCTTCAGACAATACAAATCAGCGACACTGAATACGGGGCAACCTCAT  
GTCAACGAAGAACAGAACCCGCGAGAACAACAACCCGCAACATCCGCTTTCTTAACCAATGATTGAACAAATTAACATCG  
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CAGACTAAATAGTTTGAATGATTAGCAGTTATGGTGATCAGTCAACCACCAGGGAATAATCCTTCATATTATTATCGTGC  
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ACTCATAGAAATGGTGCTATTAAAGCATATTTTTTACACGAATCAGATCCACGGAGGGATCATCAGCAGATTGTTCTTTAT  
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TATTAAGTGAAAACATTCCCTAATATTTGACATAAATCATCAACAAAACACAAGGAGGTCAGACCAGATTGAAACGATAAA  
AACGATAATGCAAACTACGGCCCTCGTATCATGGAAGGTTTTACCAATGGCTCAGGTTGCCATTTTTAAAGAAATAT  
TCGATCAAGTGCGAAAAGATTTAGACTGTGAATTGTTTTATTCTGAACATAAACGTCACAACGTCTCACATTATATTTAC  
TATCTAGCCACAGATAATATTCACATCGTGTTAGAAAACGATAACACCGTGTTAATAAAAGGACTTAAAAGGTTGTAAA  
TGTTAAATTCTCAAGAAACACGCATCTTATAGAAACGTCTATGATAGGTTGAAATCAAGAGAAATCACATTTTCAGCAAT  
ACAGGGAAAATCTTGCTAAAGCAGGAGTTTTCCGATGGGTTACAAATATCCATGAACATAAAAGATATTACTATACCTTT

FIG. 5C

GATAATTCATTACTATTTACTGAGAGCATTTCAGAACACTACACAAATCTTCCACGCTAAATCATAACGTCCGGTTTCTT  
CCGTGTCAGCACCGGGGCGTTGGCATAATGCAATACGTGTACGGCTAAACCTGTGTGCATCGTTTTAATTATTCCCGG  
ACACTCCCGCAGAGAAGTTCCCGTCAGGGCTGTGGACATAGTTAATCCGGGAATACAATGACGATTTCATCGCACCTGAC  
ATACATTAATAAATATTAACAATATGAAATTTCAACTCATTGTTTAGGGTTGTTTAATTTTCTACACATACGATTCTGC  
GAACTTCAAAAAGCATCGGGAATAACACCATGAAAAAATGCTACTCGCTACTGCGCTGGCCCTGCTTATTACAGGATGT  
GCTCAACAGACGTTTACTGTTCAAAACAAACCGGCAGCAGTAGCACCAAAGGAAACCATCACCCATCATTCTTCGTTTC  
TGGAATTGGGCAGAAGAAAACCTGTCGATGCAGCCAAATTTGTGGCGGCGCAGAAAATGTTGTTAAAAACAGAAACCCAGC  
AAACATTTCGTAAATGGATTGCTCGGTTTTATTACTTTAGGCATTTATACTCCGCTGGAAGCGCGTGTGTATTGCTCACAA  
TAATTGCATGAGTTGCCCATCGCGATATGGGCAACTCTATCTGCACTGCTCATTAAATATACTTCTGGGTTCTTCCAGTT  
GTTTTTGCATAGTGATCAGCCTCTCTCTGAGGGTGAAATAATCCCGTTCAGCGGTGTCTGCCAGTCGGGGGGAGGCTGCA  
TTATCCACGCCGGAGGCGGTGGTGGCTTCACGCACTGACTGACAGACTGCTTTGATGTGCAACCGACGACGACCAGCGGC  
AACATCATCACGCAGAGCATCATTTTCAGCTTTAGCATCAGCTAACTCCTTCGTGTATTTTGCATCGAGCGCAGCAACAT  
CACGCTGACGCATCTGCATGTGAGTAATTGCCGCGTTGCCAGCTTCAGTTCTCTGGCATTTTTGTGCGCGTGGGCTTTG  
TAGGTAATGGCGTTATCACGGTAATGATTAAACAGCCCATGACAGGCAGACGATGATGCAGATAACCAGAGCGGAGATAAT  
CGCGGTGACTCTGCTCATAATCAATCTCTCTGACCGTTCCGCCCGCTTCTTTGAATTTTGAATCAGGCTGTGAGCCTT  
ATGCTCGAACTGACCATAACCAGCGCCCGGCAGTGAAGCCAGATATTGCTGCAACGGTCGATTGCCTGACGGATATCAC  
CAGGATCAATCATAGGTAAAGCGCCACGCTCCTTAATCTGCTGCAATGCCACAGCGTCCTGACTTTTCGGAGAGAAGTCT  
TTCAGGCCAAGCTGCTTGCGGTAGGCATCCACCAACGGGAAAGAAGCTGGTAGCGTCCGGCGCCTGTTGATTTGAGTTT  
TGGGTTTAGCGTGACAAGTTTGGGAGGGTGATCGGAGTAATCAGTAAATAGCTCTCCGCCTACAATGACGTCATAACCAT  
GATTTCTGGTTTTCTGACGTCCGTTATCAGTTCCCTCCGACCAGCCAGCATATCGAGGAACGCCCTACGTTGATTATTG  
ATTTCTACCATCTTCTACTCCGGCTTTTTTAGCAGCGAAGCGTTTGATAAGCGAACCAATCGAGTCAGTACCGATGTAGC  
CGATAAACACGCTCGTTATATAAGCGAGATTGCTACTTAGTCCGGCGAAGTCGAGAAGGTCACGAATGAACCAGGCGATA  
ATGGCGCACATCGTTGCGTCGATTACTGTTTTTGTAAACGCACCGCCATTATATCTGCCGCGAAGGTACGCCATTGCAAA  
CGCAAGGATTGCCCCGATGCCTTGTTCCCTTTGCCGCGAGAATGGCGGCCAACAGGTCATGTTTTCTGGCATCTTCATGT  
CTTACCCCAATAAGGGGATTGCTCTATTTAATTAGGAATAAGGTCGATTACTGATAGAACAAATCCAGGCTACTGTGT  
TTAGTAATCAGATTTGTTGCTGACCGATATGCACGGGCAAAACGGCAGGAGGTTGTTAGCGCGACCTCCTGCCACCCGCT  
TTCACGAAGGTCATGTGTAAAGGCCGCGAGCGTAACCTATTACTAATGAATTCAGGACAGACAGTGGCTACGGCTCAGTTT  
GGGTTGTGCTGTTGCTGGGCGGCGATGACGCCGTGACGCATTTGGTGATCCGGTTCGCTTCCGGTATTCGCTTAATTCA  
GCACAACGGAAGAGCACTGGCTAACCAGGCTCGCCGACTCTTCACGATTATCGACTCAATGCTCTTACCTGTTGTGCAG  
ATATAAAAAATCCCGAAACCGTTATGCAGGCTCTAACTATTACCTGCGAACTGTTTCGGGATTGCATTTTGCAGACCTCT  
CTGCCTGCGATGGTTGGAGTTCCAGACGATACGTCGAAGTGACCAACTAGGCGGAATCGGTAGTAAGCGCCGCTCTTTT  
CATCTCACTACCACAACGAGCGAATTAACCCATCGTTGAGTCAAATTTACCCAATTTTATTCAATAAGTCAATATCATGC  
CGTTAATATGTTGCCATCCGTGGCAATCATGCTGCTAACGTGTGACCGCATTCAAAATGTTGTCTGCGATTGACTCTTCT  
TTGTGGCATTGCACCACCAGAGCGTCATACAGCGGCTTAACAGTGCGTGACCGAGGTGGGTGGGTAAGGTTTGGGATTAG  
CATCGTCACAGCGCGATATGCTGCGCTTGCTGGCATCCTTGAATAGCCGACGCCCTTGCATCTTCCGCACTCTTCTCGA  
CAACTCTCCCCACAGCTCTGTTTTGGCAATATCAACCGCACGGCCTGTACCATGGCAATCTCTGCATCTTGCCCCGGC  
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CTGCCCCCTGCAGG

FIG. 5D

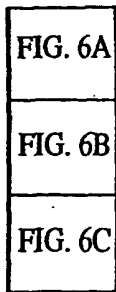


FIG. 6

CGCCCCTGCAGGCAGCTGCGCGCTCGCTCGCTCACTGAGGCCGCCCGGGCAA  
AGCCCCGGGCGTCGGGCGACCTTTGGTCGCCCGGCCTCAGTGAGCGAGCGAGC  
GCGCAGAGAGGGAGTGGCCAACCTCCATCACTAGGGGTTCTGCGGCCGCACG  
CGTGGTGGCGCGGGGTAAACTGGGAAAGTGATGTCTGTACTGGCTCCGCCT  
TTTTCCCGAGGGTGGGGGAGAACCGTATATAAGTGCAGTAGTCGCCGTGAAC  
GTTCTTTTTTCGCAACGGGTTTGCCGCCCCGCGGCAGGTAAGTGCCAGGGAAT  
GTTTGTTCTTAAATACCATCGCTCCAGGGAATGTTTGTTCTTAAATACCATC  
TACTGACACTGACATCCACTTTTTCTTTTCTCCACAGGTATCGATCCACCA  
TGCAAATAGAGCTCTCCACCTGCTTCTTTCTGTGCCTTTTGCGATTCTGCTT  
TAGTGCCACCAGAAGATACTACCTGGGTGCAGTGGAAGTGTATGGGACTAT  
ATGCAAAGTGATCTCGGTGAGCTGCCTGTGGACGCAAGATTTCTCCTAGAG  
TGCCAAAATCTTTTCCATTCAACACCTCAGTCGTGTACAAAAGACTCTGTT  
TGTAGAATTCACGGATCACCTTTTCAACATCGCTAAGCCAAGGCCACCCTGG  
ATGGGTCTGCTAGGTCCTACCATCCAGGCTGAGGTTTATGATACAGTGGTCA  
TTACACTTAAGAACATGGCTTCCCATCCTGTCAGTCTTCATGCTGTTGGTGT  
ATCCTACTGGAAAGCTTCTGAGGGAGCTGAATATGATGATCAGACCAGTCAA  
AGGGAGAAAGAAGATGATAAAGTCTTCCCTGGTGGAAGCCATACATATGTCT  
GGCAGGTCCTGAAAGAGAATGGTCCAATGGCCTCTGACCCACTGTGCCTTAC  
CTACTCATATCTTTCTCATGTGGACCTGGTAAAAGACTTGAATTCAGGCCCTC  
ATTGGAGCCCTACTAGTATGTAGAGAAGGGAGTCTGGCCAAGGAAAAGACAC  
AGACCTTGCACAAATTTATACTACTTTTTTGCTGTATTTGATGAAGGGAAAAG  
TTGGCACTCAGAAACAAAGAACTCCTTGATGCAGGATAGGGATGCTGCATCT  
GCTCGGGCCTGGCCTAAAATGCACACAGTCAATGGTTATGTAAACAGGTCTC  
TGCCAGGTCTGATTGGATGCCACAGGAAATCAGTCTATTGGCATGTGATTGG  
AATGGGCACCACTCCTGAAGTGCACTCAATATTCCTCGAAGGTCACACATTT  
CTTGTGAGGAACCATCGCCAGGCGTCCTTGGAATCTCGCCAATAACTTTCC  
TTACTGCTCAAACACTCTTGATGGACCTTGACAGTTTCTACTGTTTTGTCA  
TATCTCTTCCACCAACATGATGGCATGGAAGCTTATGTCAAAGTAGACAGC  
TGTCCAGAGGAACCCCAACTACGAATGAAAAATAATGAAGAAGCGGAAGACT  
ATGATGATGATCTTACTGATTCTGAAATGGATGTGGTCAGGTTTGATGATGA  
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FIG. 6A

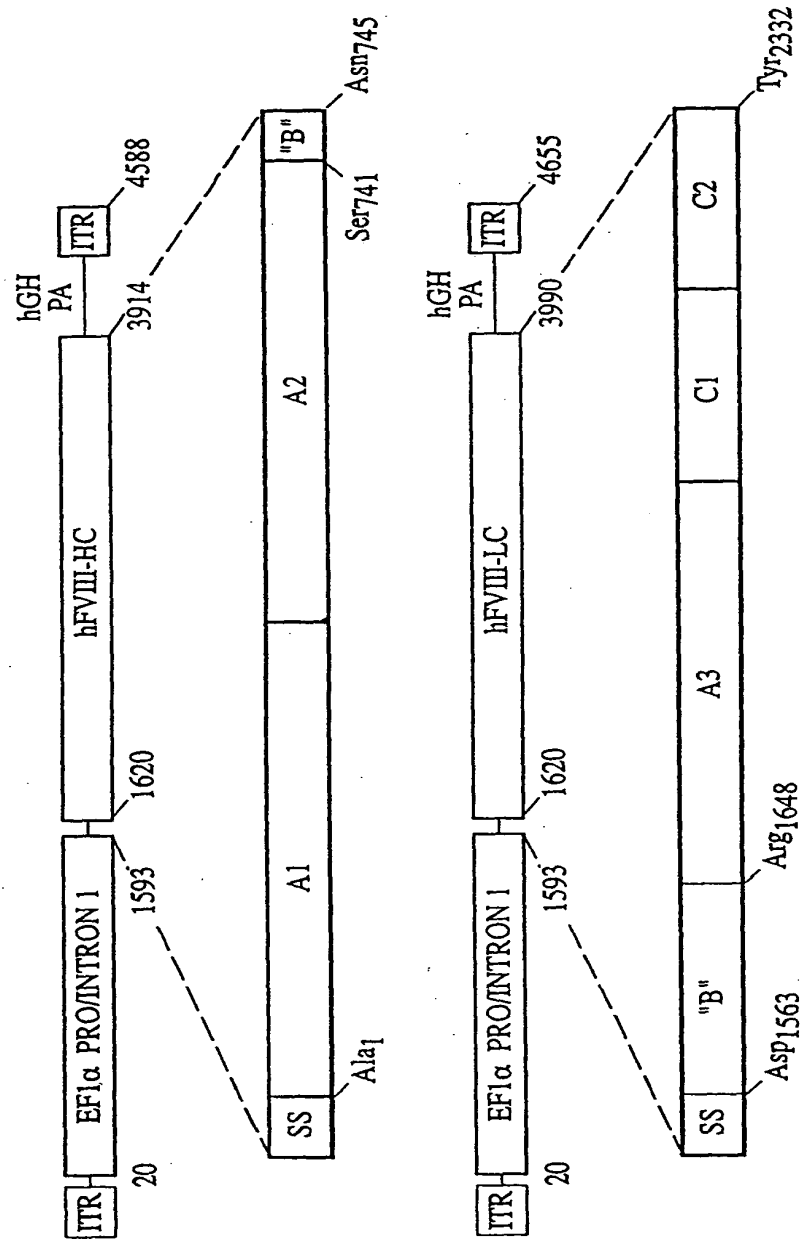


FIG. 7

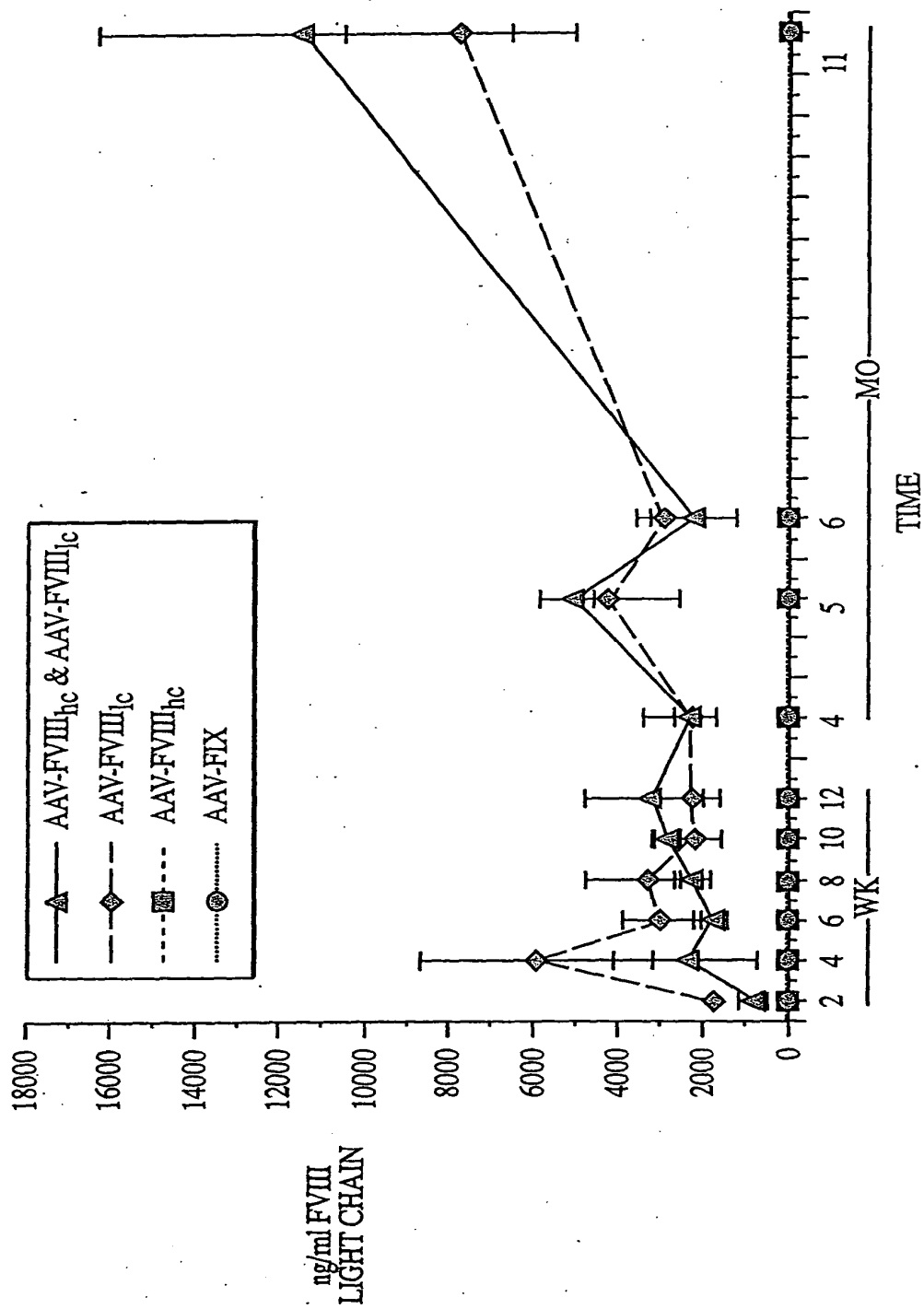


FIG. 8

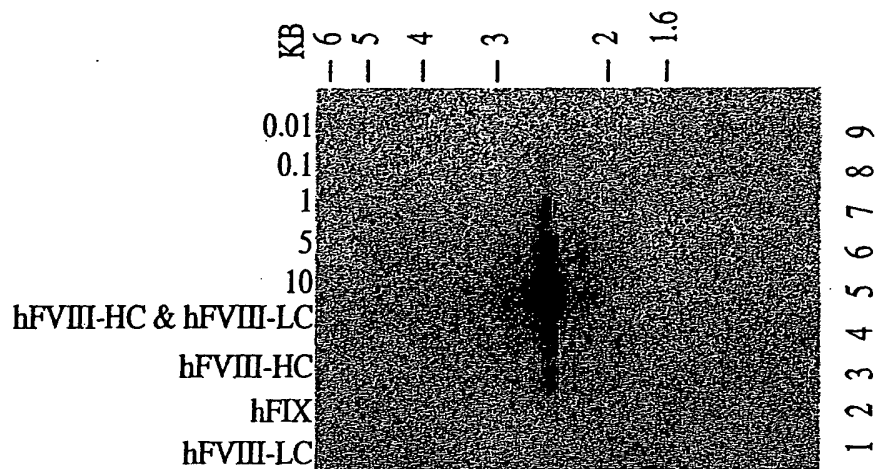


FIG. 9B

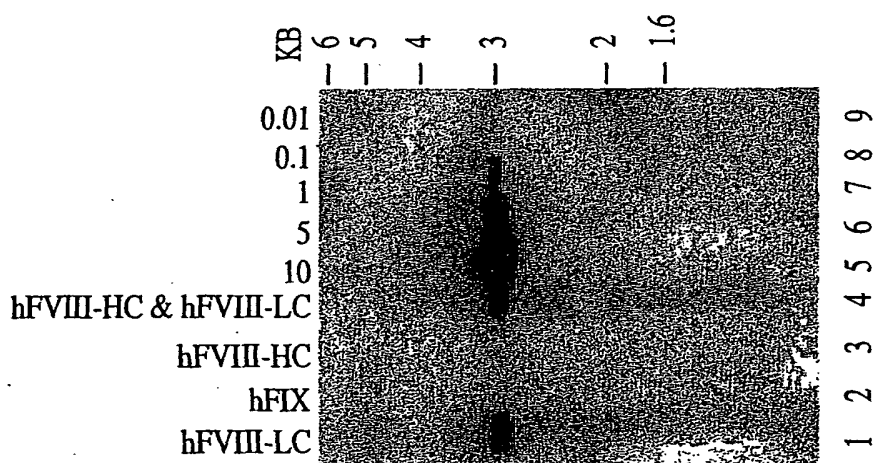


FIG. 9A

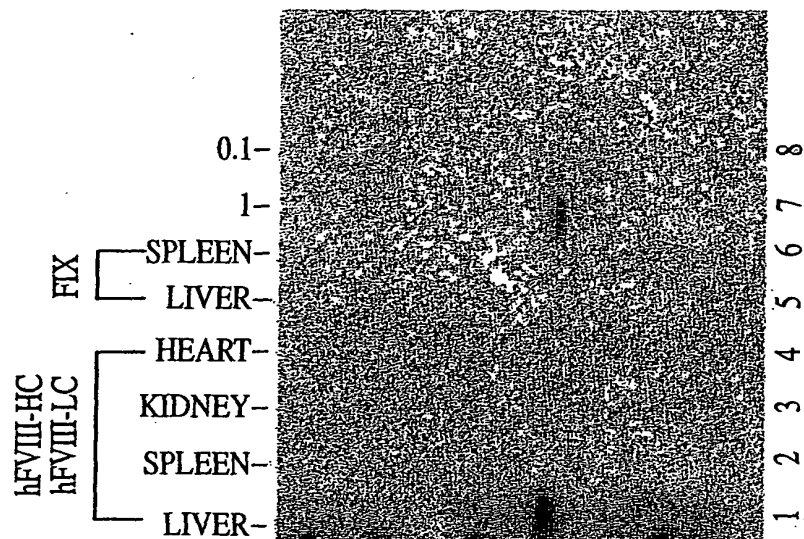


FIG. 10B

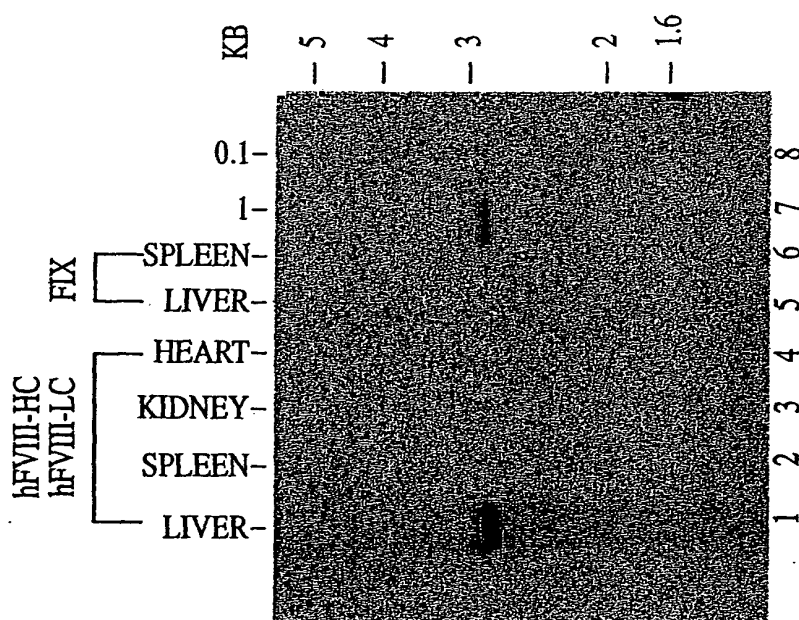


FIG. 10A

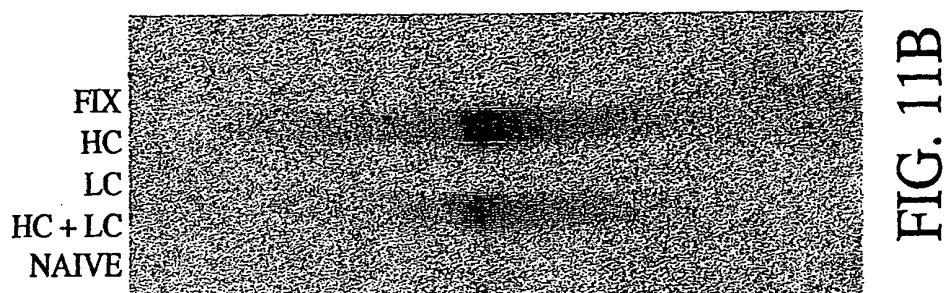


FIG. 11B

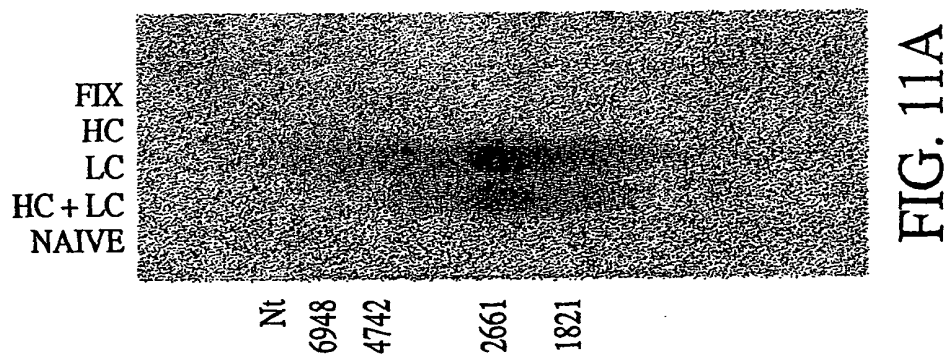


FIG. 11A